

In the Claims:

Please amend the claims as follows:

~~Claims:~~

What is claimed is:

1. (Amended) ~~Holding~~ A holding device for the arrangement of at least one optical component ~~(3)~~ in front of a laser light source ~~(5)~~ of a laser unit ~~(1)~~, comprising a first holding part ~~(8)~~ to which at least one optical component ~~(3)~~ is attached, ~~characterized in that~~ wherein the holding device ~~(2)~~ ~~furthermore~~ further comprises a second holding part ~~(9)~~ which is attached to one part of the laser unit ~~(1)~~, the first holding part ~~(8)~~ being attached to the second holding part ~~(9)~~.

2. (Amended) ~~Holding~~ A holding device as claimed in claim 1, wherein one of the holding parts ~~(8, 9)~~ has a connecting section which is surrounded at least in sections by the receiving section of the other of the holding parts ~~(8, 9)~~.

3. (Amended) ~~Holding~~ A holding device as claimed in claim 2, wherein the connecting section has an essentially cylindrical outside contour ~~(10)~~ and wherein the receiving section has an essentially hollow cylindrical inside contour ~~(11)~~, the connecting section being placed at least partially in the receiving section.

4. (Amended) ~~Holding~~ A holding device as claimed in claim 3, wherein there is an annular intermediate space ~~(12)~~ between the outside contour ~~(10)~~ and the inside contour ~~(11)~~.

5. (Amended) ~~Holding~~ A holding device as claimed in claim 4, wherein the intermediate space ~~(12)~~ has a radial dimension of 10 microns to 200 microns, ~~preferably of roughly 50 microns.~~

6. (Amended) ~~Holding~~ A holding device as claimed in ~~one of claims 4 or 5~~ claim 4, wherein the intermediate space ~~(12)~~ is at least partially filled with cement or solder.

7. (Amended) ~~Holding~~ A holding device as claimed in ~~one of claims 1 to 6~~ claim 1, wherein an intermediate layer is inserted between the part of the laser unit ~~(1)~~ to which the second holding part ~~(9)~~ is attached, and the corresponding contact surface of the second holding part ~~(9)~~.

8. (Amended) ~~Arrangement~~ An arrangement with a holding device as claimed in ~~one of claims 1 to 7~~ claim 1, wherein the laser unit ~~(1)~~ as the laser light source ~~(5)~~ comprises a laser diode bar or a stack of laser diode bars.

9. (Amended) ~~Arrangement~~ The arrangement as claimed in claim 8, wherein the part to which the second holding part ~~(9)~~ is attached is a heat sink ~~(6)~~.

10. (Amended) ~~Arrangement~~ The arrangement as claimed in ~~one of claims 8 or 9~~ claim 8, wherein the ~~first~~ at least one optical component ~~(3)~~ is made as a fast-axis collimation lens.

11. (Amended) ~~Arrangement~~ The arrangement as claimed in ~~one of claims 8 to 10~~ claim 8, wherein ~~the~~ a second optical component ~~(4)~~ which is made ~~especially~~ as a slow-axis collimation lens is held on the laser unit ~~(1)~~ ~~furthermore~~ via lateral support elements ~~(7)~~.

12. (Amended) ~~Process~~ A process for producing an arrangement as claimed in ~~one of claims 8 to 11~~ claim 8, wherein in one process step the first holding part ~~(8)~~ is joined to the ~~first~~ at least one optical component ~~(3)~~, wherein in a further process step the second holding part ~~(9)~~ is joined to one part of the laser unit ~~(1)~~, and wherein in a process step which follows these two process steps the first holding part ~~(8)~~ is connected to the second holding part ~~(9)~~.

13. (Amended) ~~Process~~ The process as claimed in claim 12, wherein the ~~two holding~~ first and second parts ~~(8, 9)~~ are joined by ~~the~~ a hollow cylindrical inside contour ~~(11)~~ being applied to the cylindrical outside contour ~~(10)~~ and being cemented or soldered to it.

14. (Amended) ~~Process~~ The process as claimed in claim 13, wherein after application of the inside contour ~~(11)~~ to the outside contour ~~(10)~~ the ~~first~~ at least one optical component ~~(3)~~ is positioned in front of the laser light source ~~(5)~~, and wherein in a subsequent process step the cement or solder which joins the outside contour ~~(10)~~ and the inside contour ~~(11)~~ is cured.

15. (Amended) ~~Process~~ The process as claimed in claim 14, wherein the cement is cured by UV irradiation.